Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 Claim 1 (Original): A sound producer volume control 2 apparatus comprising: 3 a plurality of resistors series-connected to a drive 4 circuit of a sound producer; plurality of first switching 5 means parallel-6 connected to said plural resistors respectively; means for ON/OFF-controlling said switching means based upon a control signal supplied to said first switching means; second switching means series-connected to said sound 10 11 producer; and 12 sound producing pattern generating means for ON/OFFcontrolling said second switching means based upon a sound 13 14 producing pattern signal supplied to said second switching 15 means. Claim 2 (Original): A sound producer volume control 1 2 apparatus as claimed in claim 1 wherein: 3 said plurality of resistors are connected between said 4 sound producer and the ground potential; and 5 said plurality of first switching means corresponds to

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a first semiconductor switch whose operation state is changed into an ON state in the case that said control signal is a binary control signal and a level of said control signal is equal to an "H" level.

Claim 3 (Original): A sound producer volume control apparatus as claimed in claim 1 wherein:

said plurality of resistors are connected between said sound producer and a drive power supply potential;

said plurality of first switching means corresponds to a second semiconductor switch whose operation state is changed into an ON state in the case that said control signal is a binary control signal and a level of said control signal is equal to an "L" level; and

reverse current blocking means for blocking reverse currents flowing from said second semiconductor switch to said control means respectively is provided in a signal path of said control signal.

Claim / (Original): A sound producer volume control apparatus as claimed in claim 1 wherein:

one portion of said plural resistors is connected between said sound producer and the ground potential, and the other portion of said plural resistors is connected between said sound producer and a drive power supply potential;

said plurality of first switching means parallelconnected to one portion of said plural resistors
correspond to a first semiconductor switch whose operation
state is changed into an ON state when said control signal
is a binary control signal and the signal level of said
control signal is equal to an "H" level;

said plurality of first switching means parallelconnected to the other portion of said plural resistors
correspond to a second semiconductor switch whose operation
state is changed into an ON state when said control signal
is a binary control signal and the signal level of said
control signal is equal to an "L" level; and

reverse current blocking means for blocking reverse currents flowing from said second semiconductor switch to said control means respectively is provided in a signal path of said control signal supplied to said second semiconductor switch.

Claim & (Original): A sound producer volume control apparatus as claimed in claim 2, or claim & wherein:

said first semiconductor switch corresponds to an NPN type transistor, or an N-channel type field-effect transistor.

Claim & (Original): A sound producer volume control 7
apparatus as claimed in claim 3, or claim & wherein:

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said second semiconductor switch corresponds to a PNP
type transistor, or a P-channel type field-effect
transistor; and said reverse current blocking means
corresponds to an NPN type transistor.

Claim % (Currently amended): A sound producer volume control apparatus as claimed in claim 1, 2, 3, or %, 5, or 6 wherein:

said sound producing pattern generating means includes comparing means for comparing a preselected signal with a reference voltage, and outputs a PWM control signal as said sound producing pattern signal; and

a duty ratio of said PWM control signal is changed in response to said reference voltage.

Claim & (Currently amended): A sound producer volume control apparatus as claimed in claim 1, 2, 3, or &, 5, 6, or 7 wherein:

said sound producing pattern generating means AND-gates a signal having a predetermined duty ratio and a PWM control signal whose duty ratio is variable so as to produce said sound producing pattern signal.

Claim & (Previously presented): A sound producer volume control apparatus as claimed in claim 3, wherein said sound producing pattern is a pulse width modulation

4 (PWM) signal.

Claim 10 (Previously presented): A portable radio apparatus comprising a sound producer volume control apparatus as claimed in claim 2.